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硕 士 学 位 论 文

贵州省新型农村社会养老保险信息系统的设计与实现

Design and Implementation of
New Rural Social Security Management Information System

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摘 要

根据《国务院关于开展新型农村社会养老保险试点的指导意见》，人力资源和社会保障部组织开发了全国统一的标准版新型农村社会养老保险业务管理信息系统，供全国各级人力资源社会保障部门免费使用。要求各省在保证新农保信息系统基本思路、基本框架、基本功能和指标体系全国统一的前提下，采用系统参数配置的方式实现对本地政策和经办模式的支持，并以省为单位进行一定的本地化开发，以满足本地实际需要。

贵州省根据国务院和人力资源社会保障部文件精神，对贵州省新型农村社会养老保险经办工作提出了具体要求，确定了贵州省新农保信息系统建设规划。本次项目结合我省实际情况，在国家开发的新农保信息系统的基础上进行本地化开发，完成了基于 B/S/S 三层结构的应用于市（州、地）、县（市、区）以及乡（镇、街道）的新型农村社会养老保险信息系统。系统立足我省新农保试点县的业务经办需求，以统筹城乡社会保障为目标，以金保工程已取得成果为依托，采用 J2EE 技术路线，同时兼顾我省各地区办公及网络状况，支撑新农保业务经办、公共服务、基金监管、宏观决策等工作，逐步实现新农保系统与城镇社会保险信息系统的对接。系统直接采用全省大集中的模式进行建设，即应用系统和数据部署在省劳动保障数据中心，通过金保工程业务专网支持省、市、县、乡的应用；适时启动社会保障卡发放工作，为农民参保缴费、领取养老金和查询参保信息提供便利。

关键词：新型农村社会养老保险； 管理信息系统； B/S/S 三层结构

Abstract

According to State Council's Guidelines for Test Piloting a New Rural Social Security Scheme, Minister of Human Resources & Social Security had developed a new information scheme for rural social security, which guaranteed the free use for Human Resources & Social Security administrators at all levels. This scheme can be configured according to local policies as long as the basis for such policies, and basic frameworks and functions implementing such policies, comply with the national unified guidelines and ministerial scheme. Corresponding system are to be developed and localized in every province to better handling the local demand.

In light of the policies, Guizhou government specified the provincial requisites of rural social security program, and determined the plan for developing a corresponding information processing system.

The development of such a system proceeds on the basis of the unified scheme with a deep understanding of the provincial situation. Finally, a specialized system of new rural social security information system is developed based on B/S/S three-layer structure (district->county->town).

Taking advantage of the results from Golden Security Project, the system uses J2EE technology but capable of handling all kinds of network setup at different levels of government.

With the provincial situation in mind, the system aims at balancing the urban and rural social security program. And in the early testing period, it already proves itself of great value on basic operations, public service, fund regulations, decision-making at the macro level, etc. In future, we hope the system can smooth the merge between the urban and rural social security information system.

The system uses a centralized approach: all the applications and data are stored at Guizhou Labor and Social Security Bureau Data Center, and services for Social Security administrators below provincial level is provided in a special network with the help of Golden Security Project.

The system can improve routine procedures such as issuing social security cards to peasants and farmers, collecting agricultural fees, paying pensions, facilitating public information inquiries, etc.

Key Words: New Rural Social Security Scheme; Management information system; B/S/S three-layer structure

目 录

| | |
|---------------------------------|---------------|
| 第一章 绪论 | - 1 - |
| 1.1 论文研究背景 | - 1 - |
| 1.2 论文研究内容与意义 | - 1 - |
| 1.3 论文结构安排 | - 2 - |
| 第二章 关键技术介绍 | - 3 - |
| 2.1 金保工程社会保险管理信息系统第三版核心平台 | - 3 - |
| 2.1.1 核心平台概述 | - 3 - |
| 2.1.2 第三版核心平台的定位 | - 4 - |
| 2.1.3 第三版核心平台的业务特点 | - 4 - |
| 2.1.4 第三版核心平台的技术特点 | - 5 - |
| 2.2 B/S/S 结构 | - 6 - |
| 2.3 构件化 | - 7 - |
| 2.3.1 根据构件的分类 | - 8 - |
| 2.3.2 构件的特性 | - 8 - |
| 2.3.3 构件化在社保领域的应用 | - 9 - |
| 2.4 workflow引擎 | - 9 - |
| 2.5 本章小结 | - 9 - |
| 第三章 系统总体设计 | - 10 - |
| 3.1 系统设计思想 | - 10 - |
| 3.1.1 建设目标 | - 10 - |
| 3.1.2 建设原则 | - 10 - |
| 3.2 系统主要功能 | - 11 - |
| 3.3 系统用户需求分析 | - 12 - |
| 3.4 系统总体规划 | - 13 - |
| 3.4.1 系统整体架构 | - 13 - |
| 3.4.2 数据架构设计 | - 14 - |
| 3.4.3 应用系统规划 | - 16 - |
| 3.4.4 应用系统部署 | - 18 - |
| 3.5 业务流程描述 | - 18 - |
| 3.5.1 业务总体流程 | - 18 - |
| 3.5.2 业务功能子系统划分 | - 20 - |
| 3.6 基础数据测算 | - 22 - |

| | | |
|------------|---------------------------|-------------|
| 3.6.1 | 业务量测算 | 22 - |
| 3.6.2 | 数据存储量测算..... | 23 - |
| 3.6.3 | 数据流量测算 | 24 - |
| 3.7 | 开发环境和运行平台 | 24 - |
| 3.8 | 本章小结 | 24 - |
| 第四章 | 待遇发放子系统的详细设计 | 25 - |
| 4.1 | 待遇发放业务经办流程图 | 25 - |
| 4.2 | 业务经办需求..... | 26 - |
| 4.2.1 | 待遇领取到龄通知..... | 28 - |
| 4.2.2 | 人员待遇领取申请, 核定, 复核..... | 29 - |
| 4.2.3 | 待遇暂停支付 | 36 - |
| 4.2.4 | 待遇恢复支付 | 38 - |
| 4.2.5 | 待遇终止支付 | 41 - |
| 4.2.6 | 人员待遇批量调整..... | 44 - |
| 4.2.7 | 人员待遇零星调整..... | 48 - |
| 4.2.8 | 人员生存认证 | 51 - |
| 4.2.9 | 待遇拨付 | 54 - |
| 4.2.10 | 待遇追回 | 57 - |
| 4.3 | 本章小结 | 59 - |
| 第五章 | 待遇发放子系统的实现..... | 60 - |
| 5.1 | 人员待遇领取申请核定复核..... | 60 - |
| 5.1.1 | 业务功能列表实现..... | 60 - |
| 5.1.2 | 系统方法列表 | 62 - |
| 5.1.3 | 系统方法设计说明..... | 64 - |
| 5.1.4 | DTO 说明 | 66 - |
| 5.1.5 | 部分代码实现 | 67 - |
| 5.1.6 | 界面..... | 69 - |
| 5.2 | 待遇暂停支付..... | 70 - |
| 5.2.1 | 业务功能列表实现..... | 70 - |
| 5.2.2 | 系统方法列表 | 71 - |
| 5.2.3 | 系统方法设计说明..... | 72 - |
| 5.2.4 | DTO 说明 | 73 - |
| 5.2.5 | 部分代码实现 | 73 - |
| 5.2.6 | 界面..... | 75 - |
| 5.3 | 待遇恢复支付..... | 75 - |
| 5.3.1 | 业务功能列表实现..... | 75 - |
| 5.3.2 | 系统方法列表 | 77 - |
| 5.3.3 | 系统方法设计说明..... | 78 - |
| 5.3.4 | DTO 说明 | 79 - |

| | | |
|------------|-----------------------|----------------|
| 5.3.5 | 部分代码实现 | - 79 - |
| 5.3.6 | 界面 | - 80 - |
| 5.4 | 待遇终止支付 | - 80 - |
| 5.4.1 | 业务功能列表实现 | - 80 - |
| 5.4.2 | 系统方法列表 | - 82 - |
| 5.4.3 | 系统方法设计说明 | - 82 - |
| 5.4.4 | DTO 说明 | - 85 - |
| 5.4.5 | 部分代码实现 | - 85 - |
| 5.4.6 | 界面 | - 86 - |
| 5.5 | 人员待遇批量调整 | - 87 - |
| 5.5.1 | 业务功能列表实现 | - 87 - |
| 5.5.2 | 系统方法列表 | - 87 - |
| 5.5.3 | 系统方法设计说明 | - 88 - |
| 5.5.4 | DTO 说明 | - 89 - |
| 5.5.5 | 部分代码实现 | - 89 - |
| 5.5.6 | 界面 | - 90 - |
| 5.6 | 人员待遇零星调整 | - 91 - |
| 5.6.1 | 业务功能列表实现 | - 91 - |
| 5.6.2 | 系统方法列表 | - 92 - |
| 5.6.3 | 系统方法设计说明 | - 92 - |
| 5.6.4 | DTO 说明 | - 93 - |
| 5.6.5 | 部分代码实现 | - 94 - |
| 5.6.6 | 界面 | - 95 - |
| 5.7 | 人员发放方式管理 | - 95 - |
| 5.7.1 | 业务功能列表实现 | - 95 - |
| 5.7.2 | 系统方法列表 | - 96 - |
| 5.7.3 | 系统方法设计说明 | - 96 - |
| 5.7.4 | DTO 说明 | - 97 - |
| 5.7.5 | 部分代码实现 | - 97 - |
| 5.7.6 | 界面 | - 98 - |
| 5.8 | 人员生存认证 | - 98 - |
| 5.8.1 | 业务功能列表实现 | - 98 - |
| 5.8.2 | 系统方法列表 | - 100 - |
| 5.8.3 | 系统方法设计说明 | - 100 - |
| 5.8.4 | DTO 说明 | - 100 - |
| 5.8.5 | 部分代码实现 | - 100 - |
| 5.8.6 | 界面 | - 102 - |
| 5.9 | 待遇拨付 | - 102 - |
| 5.9.1 | 业务功能列表实现 | - 102 - |
| 5.9.2 | 系统方法列表 | - 104 - |
| 5.9.3 | 系统方法设计说明 | - 105 - |

| | | |
|-------------|----------------------|----------------|
| 5.9.4 | DT0 说明 | - 106 - |
| 5.9.5 | 部分代码实现 | - 106 - |
| 5.9.6 | 界面 | - 108 - |
| 5.10 | 待遇追回 | - 109 - |
| 5.10.1 | 业务功能列表实现 | - 109 - |
| 5.10.2 | 系统方法列表 | - 109 - |
| 5.10.3 | 系统方法设计说明 | - 110 - |
| 5.10.4 | 部分代码实现 | - 111 - |
| 5.10.5 | 界面 | - 112 - |
| 5.11 | 本章小结 | - 112 - |
| 第六章 | 系统测试 | - 113 - |
| 6.1 | 黑盒测试 | - 113 - |
| 6.2 | 负载、压力测试和疲劳强度测试 | - 114 - |
| 6.3 | 安全测试 | - 117 - |
| 第七章 | 结束语 | - 118 - |
| 参考文献 | | - 119 - |
| 致 谢 | | - 121 - |

Contents

| | |
|---|-----------|
| Chapter I Introduction..... | 1 |
| 1.1 Background..... | 1 |
| 1.2 The Thesis Content And Meaning..... | 1 |
| 1.3 Thesis Structure Arrangement..... | 2 |
| Chapter II Introduces The Key Technologies..... | 3 |
| 2.1 Golden Security Project Social Security Management Information System of The Third Edition Core Platform | 3 |
| 2.1.1 Core platform overview | 3 |
| 2.1.2 The third edition core platform positioning | 4 |
| 2.1.3 The third edition core platform business characteristics | 4 |
| 2.1.4 The third edition core platform technical characteristics | 5 |
| 2.2 B/S/S..... | 6 |
| 2.3 Components..... | 7 |
| 2.2.1 Components classification | 8 |
| 2.2.2 Components characteristics | 8 |
| 2.2.3 Components in the social security of application..... | 9 |
| 2.4 Work Flow | 9 |
| 2.5 Summary..... | 9 |
| Chapter III System Design..... | 10 |
| 3.1 System Design Thought | 10 |
| 3.1.1 Construction target | 10 |
| 3.1.2 Construction principle | 10 |
| 3.2 Main Function of System..... | 11 |
| 3.3 Users of The System Requirement Analysis | 12 |
| 3.4 System Planning | 13 |
| 3.4.1 System overall structure | 13 |
| 3.4.2 Data architecture design | 14 |
| 3.4.3 Application system planning..... | 16 |
| 3.4.4 Application system deployed | 18 |
| 3.5 Business Process Description | 18 |

| | | |
|-------------------|--|-----------|
| 3.5.1 | Business overall process | 18 |
| 3.5.2 | Business functions subsystem are classified..... | 20 |
| 3.6 | Foundation Data..... | 22 |
| 3.6.1 | Portfolio estimates..... | 22 |
| 3.6.2 | Data storage estimates | 23 |
| 3.6.3 | Data flow measuring..... | 24 |
| 3.7 | Development Environment And Operation Platform | 24 |
| 3.8 | Summary..... | 24 |
| Chapter IV | Treatment of Detailed Design Issue Subsystem | 25 |
| 4.1 | Treatment Orgnaization of Flow Chart. Issue Business..... | 25 |
| 4.2 | Business Agency Of The System Requirement Analysis..... | 26 |
| 4.2.1 | Treatment get age notice | 28 |
| 4.2.2 | Treatment get application verification for review | 29 |
| 4.2.3 | Treatment suspend its payment | 36 |
| 4.2.4 | Treatment restored pay | 38 |
| 4.2.5 | Treatment to stop a payment..... | 41 |
| 4.2.6 | Treatment volume adjustment..... | 44 |
| 4.2.7 | Treatment sporadic adjustments | 48 |
| 4.2.8 | Personnel survive the authentication | 51 |
| 4.2.9 | Treatment appropriated..... | 54 |
| 4.2.10 | Treatment recalled | 57 |
| 4.3 | Summary..... | 59 |
| Chapter V | The realization of the issue subsystem treatment | 60 |
| 5.1 | Treatment Get Application Verification For Review..... | 60 |
| 5.1.1 | Business features list implementation | 60 |
| 5.1.2 | System method list | 62 |
| 5.1.3 | System method Design instructions | 64 |
| 5.1.4 | DTO explain..... | 66 |
| 5.1.5 | Part code realization | 67 |
| 5.1.6 | Interface | 69 |
| 5.2 | Treatment Suspend Its Payment | 70 |
| 5.2.1 | Business features list implementation | 70 |
| 5.2.2 | System method list | 71 |

| | | |
|------------|---|-----------|
| 5.2.3 | System method Design instructions | 72 |
| 5.2.4 | DTO explain..... | 73 |
| 5.2.5 | Part code realization | 73 |
| 5.2.6 | Interface | 75 |
| 5.3 | Treatment Restored Pay | 75 |
| 5.3.1 | Business features list implementation | 75 |
| 5.3.2 | System method lis | 77 |
| 5.3.3 | System method Design instructions | 78 |
| 5.3.4 | DTO explain..... | 79 |
| 5.3.5 | Part code realization | 79 |
| 5.3.6 | Interface | 80 |
| 5.4 | Treatment To Stop a Payment | 80 |
| 5.4.1 | Business features list implementation | 80 |
| 5.4.2 | System method lis | 82 |
| 5.4.3 | System method Design instructions | 82 |
| 5.4.4 | DTO explain..... | 83 |
| 5.4.5 | Part code realization | 85 |
| 5.4.6 | Interface | 86 |
| 5.5 | Treatment Volume Adjustment | 87 |
| 5.5.1 | Business features list implementation | 87 |
| 5.5.2 | System method lis | 87 |
| 5.5.3 | System method Design instructions | 88 |
| 5.5.4 | DTO explain..... | 89 |
| 5.5.5 | Part code realization | 89 |
| 5.5.6 | Interface | 90 |
| 5.6 | Treatment Sporadic Adjustments | 91 |
| 5.6.1 | Business features list implementation | 91 |
| 5.6.2 | System method lis | 92 |
| 5.6.3 | System method Design instructions | 92 |
| 5.6.4 | DTO explain..... | 93 |
| 5.6.5 | Part code realization | 94 |
| 5.6.6 | Interface | 95 |
| 5.7 | Personnel To Extend Way Management | 95 |

| | | |
|------------------------|--|------------|
| 5.7.1 | Business features list implementation | 95 |
| 5.7.2 | System method lis | 96 |
| 5.7.3 | System method Design instructions | 96 |
| 5.7.4 | DTO explain..... | 97 |
| 5.7.5 | Part code realization | 97 |
| 5.7.6 | Interface | 98 |
| 5.8 | Personnel survive The Authentication | 98 |
| 5.8.1 | Business features list implementation | 98 |
| 5.8.2 | System method lis | 100 |
| 5.8.3 | System method Design instructions | 100 |
| 5.8.4 | DTO explain..... | 100 |
| 5.8.5 | Part code realization | 100 |
| 5.8.6 | Interface | 102 |
| 5.9 | Treatment Appropriated | 102 |
| 5.9.1 | Business features list implementation | 102 |
| 5.9.2 | System method lis | 104 |
| 5.9.3 | System method Design instructions | 105 |
| 5.9.4 | DTO explain..... | 106 |
| 5.9.5 | Part code realization | 106 |
| 5.9.6 | Interface | 108 |
| 5.10 | Treatment Recalled..... | 108 |
| 5.10.1 | Business features list implementation | 108 |
| 5.10.2 | System method lis | 109 |
| 5.10.3 | System method Design instructions | 109 |
| 5.10.4 | Part code realization | 110 |
| 5.10.5 | Interface | 112 |
| 5.11 | Summary..... | 112 |
| Chapter VI | System test | 113 |
| 6.1 | Black Box Testing | 113 |
| 6.2 | Load Pressure Test And Fatigue Strength Test..... | 114 |
| 6.3 | Safety Test..... | 117 |
| Chapter VII | Conclusions | 118 |
| References..... | | 119 |

| | |
|-----------------------------|------------|
| Acknowledgemets..... | 121 |
|-----------------------------|------------|

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